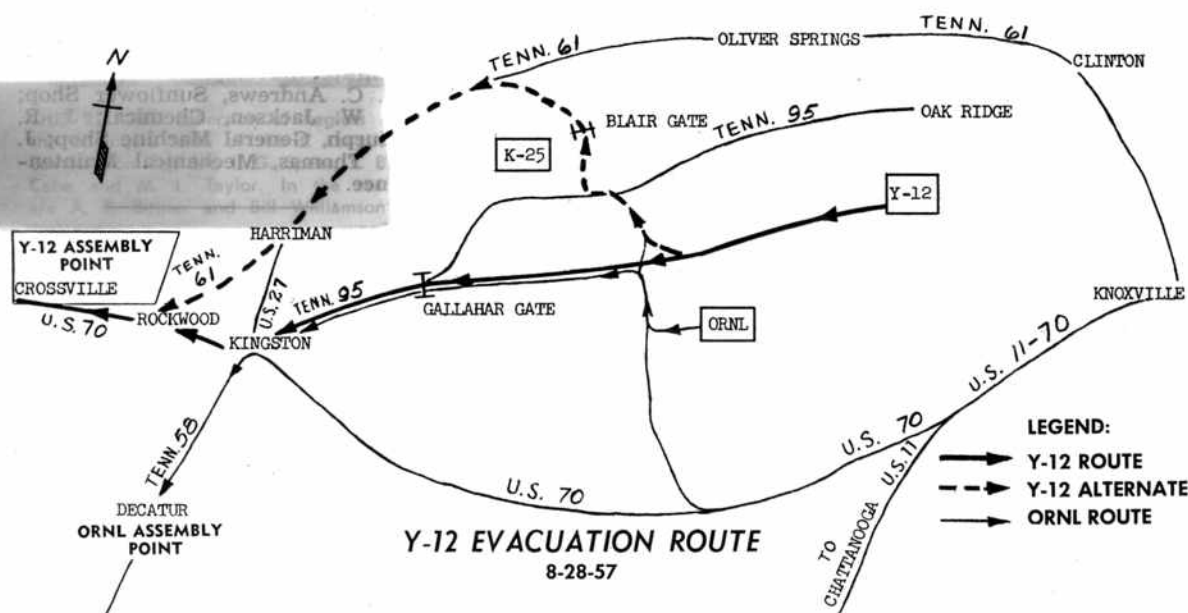


Evacuation Route For UCNC People In Y-12



IN CASE OF A THREATENED ATTACK ON THE Y-12 PLANT AREA—THIS IS THE EVACUATION route to be taken by all UCNC employees and anyone else within the Y-12 Area in such an emergency. Read story in adjoining column for details of traffic procedure to assembly point at Crossville, Tenn.

Y-12 Chest-Red Cross Committee Meets Wednesday To Launch Drive

100 Per Cent Participation In Fund-Raising Move For Agencies In Four Counties Is Urged

The 1958 Community Chest-Red Cross campaign will be launched in the Y-12 Plant this morning, Wednesday, October 22, when Plant Chairman Robert C. Olson, of the Technical Division, will hold a meeting with his plant committee. The meeting will be at 9 a.m. in the big conference room in Bldg. 9704-2, when the chairman will organize the committee, composed of representatives from every division in the plant, for the campaign.

'Finest' Prevention Week Held In Y-12

Hazard Hunting Held As Great Success

"One of the finest Fire Prevention Weeks ever held in the Y-12 Plant," is the verdict given by Fire Department authorities and divisional coordinators who helped the campaign along during the week of October 5-11.

Before, during and even after the specified dates for an effective hazard-hunting and cleanup drive all over the plant, practically every Union Carbide Nuclear Company employee in the Y-12 Plant Area attended safety meetings at which fire prevention was the principal topic.

Investigating committees, closely scanning their areas, found numerous fire and safety hazards. All of them were immediately corrected or steps taken to eliminate them. The hazards ranged from accumulation of trash to problems of housekeeping.

The Maintenance Department contributed largely to the success of the campaign by hauling away rubbish and trash accumulated during the past several weeks by employees in various buildings.

As a result — the Y-12 Plant Area is in a spic and span condition—and a clean plant is always a safer plant in which to work.

JAPS HAVE NAME FOR IT

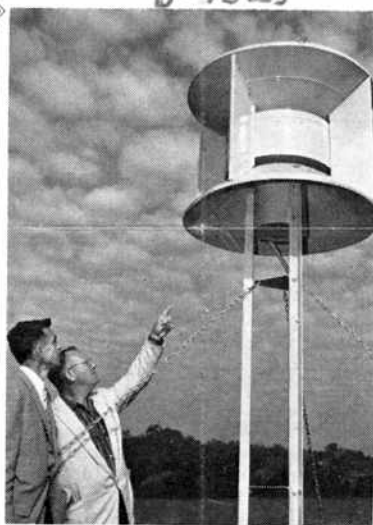
Publicity promoters of Japan's government-owned railroads have a gift for naming trains, according to the Associated Press. A new super-express has been named "First Wild Goose Of The Year."

The objective in the 1958 Community Chest-Red Cross drive, Chairman Olson pointed out last week, is to have 100 per cent participation by Y-12ers in the move to raise funds for worthy health, welfare and service agencies in four counties. Donors may choose between contributing regularly through payroll deductions to the Union Carbide Nuclear Company Central Fund Plan, organized in 1956 to enable all UCNC employees to "give the united way" by weekly or monthly contributions; or by cash donations.

Members of the plant campaign committee announced last Friday by Chairman Olson were J. R. Gordon, Mechanical Operations; H. F. Ballenger, Technical; George Everitt, Shift Superintendents and Utilities; J. R. Bounds, Chemical; J. C. Ezell, Maintenance; and B. M. Burrus, Finance and Materials. Representatives of the Alloy and Industrial Relations Division were to be named before the meeting Wednesday morning.

Betty Whitehorn, of the Technical Division; and Cleo Sideris, of Project Engineering, will be auditors for the committee.

Agencies in four counties to benefit from contributions to the UCNC Central Fund Plan or cash donations are in Anderson, Knox, Roane and Morgan Counties. Y-12 contributors may designate the county to which they wish their contributions to go.



C SHIFT SUPERINTENDENT F. D. Bender, left, looks upward as Relief Shift Superintendent H. F. Benninghoff points out details of one of the new sirens recently installed to blast and wail out disaster signals in the Y-12 Plant Area—if they are ever needed.

23rd Safety Period Hit 3,159,526 Hours

98-Day Span Without Disability Is Worked

Through an oversight in The Bulletin last week, the number of man-hours of plant operations in the Y-12 Plant Area during the recent 23rd Union Carbide Safety Period was incorrectly given. The correct number of hours of plant operations without a disabling injury, beginning on June 25 and extending 98 days through September 30 was 3,159,526.

This 23rd UCC Safety Period of more than 1,500,000 accident-free hours is the fourth to extend over more than 3,000,000 hours in the Y-12 Plant Area. When officially confirmed after the usual 20-day waiting period to determine if any pending injury cases become disabling, the establishment of the period will call for individual safety awards to all Union Carbide Nuclear Company employees in the Y-12 Plant Area on the Carbide payroll during the inclusive dates of the period of a value of \$5.

New Siren Disaster Alarm System Will Warn Y-12 Plant If Attack Feared From 'Trigger-Happy' Foe

All Possible Preparedness Moves Are Drawn Aimed At Saving Lives Of Everyone In Area; Crossville Is Assembly Point For Evacuation

Let's not say "it can't happen here"—but "we HOPE it won't happen here, but if it does, we will be prepared".

It is wishful thinking of the entire peaceful world that no trigger-happy enemy will attempt a nuclear weapon attack on any point—but it is an almost certainty that if such an attack comes Oak Ridge with its atomic plants and laboratories will be among the prime targets.

UCNC Employees Won't Be Caught Napping

One thing is a certainty—that Union Carbide Nuclear Company employees in the Y-12 Plant Area will not be caught napping in case of such an attack. Every preparedness move possible to think of ahead of time has been made—and an orderly evacuation, if ever needed, should be possible with the cooperation of every UCNC employee in the Y-12 Plant Area.

To strengthen this preparedness, a new disaster alarm system has been installed in the Y-12 Plant Area, to become operative on Saturday, November 1. Distinctive and loud-sounding sirens have been installed on four Y-12 buildings in positions where it is believed their blasts and wails can be heard in all parts of the plant. These sirens replace the air horns previously planned for giving the "yellow" and "red" alert signals in case of a hostile air attack.

Evacuation routes and plans in case of disaster have been drawn for the safety of all Y-12ers—with the hope that they are sufficiently effective to save the lives of all persons in the Y-12 Plant Area—if and when any attack is staged.

Shift Superintendent On Duty In Charge

The Y-12 Shift Superintendent on duty at the time of any alert will be in complete charge of the evacuation movements, assisted by other administrative personnel designated for such emergencies.

The new disaster alarm system consists of four sirens located at roof levels on the following buildings:

1. One 10 horsepower siren on Bldg. 9204-4.
2. One 10 horsepower siren on the roof of Bldg. 9996.
3. One 10 horsepower siren on the roof of Bldg. 9201-3.
4. One five horsepower siren on the roof of Bldg. 9213.

The sirens will be activated simultaneously from the Y-12 Plant Shift Superintendents' Office.

In case of an air attack alert received in the Y-12 Plant Area, it will be transmitted to UCNC employees in this manner:

YELLOW ALERT—The sirens will sound continuously at one tone level for three minutes and then will stop with no repeat.

RED ALERT—The sirens will sound continuously in a wailing tone (up and down) for three minutes and then will stop with no repeat.

The yellow alert signal is thought of in terms of giving a period of approximately two hours before attacking airplanes reach the Y-12 Plant Area.

The red alert signal will allow for approximately 20 minutes before an attack is anticipated.

When the yellow alert is sounded, all Y-12 Plant Area operations will be shut down. Classified documents are to be stored and vaults, safes, and other repositories are to be locked by custodians.

Coolness, Presence Of Mind Required

Then the actual evacuation will immediately begin. From then on the success of the evacuation rests largely on the coolness and presence of mind of every individual—it can be chaos or orderly.

Precise evacuation routes and an assembly point for every person physically located in the Y-12 Plant Area at the time of a yellow alert have been established—as shown on the accompanying map. In case of evacuation, every person in the Y-12 Plant Area, including visitors, will move out according to the evacuation plan. The assembly point for all UCNC employees in the Y-12 Plant Area will be Crossville, Tenn.

On leaving the Y-12 Plant Area, every employee should proceed immediately through the nearest plant portal to parking lots. Only

Continued on Page 4

Dr. Lietzke Will Address ACS Meeting On Thursday

Dr. M. H. Lietzke, Oak Ridge National Laboratory, will speak at a meeting of the East Tennessee Section of the American Chemical Society tomorrow night, Thursday, October 23. The meeting will be at 8 o'clock at Dabney Hall, University of Tennessee, Knoxville, and preceded by a dinner at the university's Sophronia Hall cafeteria at 7 o'clock.

Dr. Lietzke will speak on "Use of Computers on Chemical Problems." Y-12 members of the ACS are urged to attend the session.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
18 Days Or
522,000 Man-Hours
(Unofficial Estimate)
Without A Disabling Injury
Through October 19
Phone 7755
For Daily Report
On Accident-Free Hours

The Bulletin

Published Weekly By And For
Y-12 Employees Of
UNION CARBIDE
NUCLEAR COMPANY
Division Of
Union Carbide Corporation

GEORGE W. DOBBS . . . Editor

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Telephone 7751

Logan Emlet Will Speak To Industrial Editors

Logan B. Emlet, Manager of Production of Union Carbide Nuclear Company units in Oak Ridge and Paducah, Ky., will be among the six outstanding speakers on the program for the 1958 Industrial Editing Institute to be held Friday and Saturday of this week, October 24 and 25, at the University of Tennessee, Knoxville. The Institute is sponsored by the Appalachian Industrial Editors Association in cooperation with the Chattanooga Industrial Editor's Association and the Middle Tennessee Business Press Club.

The Carbide official's subject at the Institute will be "The Recreation-Publication Team," in which he will point out the advantages of cooperation between these two service departments.

UCNC plant editors from Oak Ridge and Paducah will join with editors from Roanoke, Va., to Nashville at the Institute with an attendance of more than 50 expected.

Y-12ers With 15, 10 Years Company Service

Congratulations to the following Y-12 employees who will complete 15 years of Company Service within the next few days. There are no more 10-year work anniversaries listed for the remainder of October.

15 YEARS

Hugh F. Eubanks, Receiving, October 22.
Charles C. Hickey, General Machine Shop, October 22.
Verna M. Summitt, Cafeteria, October 23.
Towns S. Curtis, Receiving, October 25.
Orel C. Hartman, Mail Room, October 25.
Jay O. Stephens, Product Processing, October 25.
David Griffith, Stores, October 25.
Grace A. Boyd, Product Processing, October 27.
George J. McNamee, Cafeteria, October 28.
James R. Barber, Guard, October 28.
William L. Lowry, Jr., General Machine Shop, October 28.

Ridge Y.M.C.A. Directors Will Meet On November 20

The fifth annual meeting of the Oak Ridge Y.M.C.A. Board of Directors will be held on Thursday night, November 20, in the Oak Terrace ballroom, it has been announced by Van Hicks, president of the organization. Roscoe Stephens has been appointed chairman of the committee arranging the meeting and Y-12er John Perry, Development Operations, will head the reception committee for the session.

Dr. Samuel Howie, of the Oak Ridge First Presbyterian Church, will head the nominating committee to submit an entirely new slate of candidates for the eight board members to be elected at the meeting. The entire board of 23 members then will select a new president, vice president and secretary-treasurer.



Somebody said this:
"Legally, the husband is the head of the household and the pedestrian has the right of way. Both are safe as long as they don't try to exercise their rights."

Well, right or wrong—here goes for another tour of the lot in search of dissa and data—

FINANCE AND MATERIALS

Clifford Anderson, Property, selected his Maryville home as the most attractive vacation spot he could find.

INDUSTRIAL RELATIONS

Liz Campbell, the voice of the Boys in Blue and Gray of the Fire and Guard Departments moans that "fishin' is poor, vacations are about shot, everyone has the miseries and life sure is tedious" down thataway . . . She then says that Guard **John T. Maxwell** and his family are on a tour to Los Angeles, Cal., to visit friends, see some TV shows in the making and make a lot of color movies of the trip. John is the gang's "square dance enthusiast" and plans to "square dance his way to California. . . WUXTRY—Cap'n Emmett "Catfish" Moore, the Ol' Gyrene and Angler who has been ailing, is back battling blazes after his bout with the miseries—he got a warm welcome all around.

SHIFT SUPERINTENDENTS AND UTILITIES

C Shift Superintendent **Dell Bender** is vacationing this week—entertaining his father from Cleveland, Ohio . . . **Jean Granstaff** and **Ada Hopkins**, the nature-loving gals, went to the Smokies over the week end to enjoy the fall colors created by the Great Artist.

The **R. P. Manns**, he's with the Steam Plant, spent a recent week end in West Tennessee—attending a wedding . . . Get well wishes are rushed to **R. F. Farmer**, ill in Oak Ridge Hospital last week.

Utilities just can't keep track of their vacationers—this week **R. D. Freels**, **J. J. Miller**, **F. M. Gambill** and **J. B. Tallent** just beat it with no forwarding address left behind.

TECHNICAL

Special Projects sends its sincere sympathy and get well wishes to departmental offspring—**Bobby Bagwell's** Debbie, hospitalized with arm and leg burns from an overturned vaporizer; and **Harold Williams'** boys, Mike and Dickey, simultaneous victims of flu and a bumped and blackened eye, respectively . . . **Helen Stone** is back from a "grand tour" of some 1,900 miles through Virginia, Pennsylvania, New York, Ohio and Kentucky . . . **Bill Sims** turned from a Maryvillian into an Oak Ridger while on his vacation.

Electrical Engineering extends sympathy to **O. E. Gilcrease**, whose mother-in-law, Mrs. Nora Elam, died last week in Oak Ridge.

Mechanical Engineering's Agent **Frank Fuis** just dialed to report the latest Proud Pop in the plant as of late last Thursday was **ME S. P. Koczan**, welcoming a new son born at 2:13 p.m. that date at Oak Ridge Hospital.

Wanda Hawn, of the Laboratory Division, is back from her long vacation trip and on the job as scribe again—and the Colyum wants to thank **Anne Fleenor** for her swell job of pinch hitting . . . Production Analysis reports **L. A. Stephens** was a Knoxville vacationer . . . The department is glad to have **Frances Thornton** back after a spell of sickness . . . Meanwhile rapid recovery wishes are sent to **Martha Nelson** . . . **Irene Jenkins** is deer hunting in Colorado for a couple of weeks . . . **Mark Rue** picked Detroit, Mich., for his vacation spot.

Production Assay sends get well wishes to reporter **Annie Robinson**, B Shift . . . Likewise to A Shift scribe **Nadine Graham** . . . **Polly Williams** and her husband were among the sorrowful Vol fans when the Big Orange got whopped by Georgia Tech a couple of Saturdays ago . . . **Bill Garland** was a recent vacationer but his whereabouts are unknown. **Katie Sells**, Special Testing, is vacationing in West Tennessee . . . Get well wishes are sent to **Virginia Means** and her daughter, Margaret, who are recovering from injuries sustained in a recent automobile bumping . . . Rapid recovery wishes also are dispatched to ailing **Edith Barger**.

Sylvia Smith, Laboratory Operations, is mighty happy to be seeing her son, Jimmy, home from the Navy for an all-too-short week . . . Get well wishes are extended to **Anne Wenzler's** husband, Joe, in Oak Ridge Hospital.

MECHANICAL OPERATIONS

Tim Watt, Sunflower Shop, and several other shoppers attended the orange-colored wake in Atlanta after that Tech-Tenn. football fracas. Other mourners included **Richard Dew**, **L. G. Cotter** and **D. C. Bonifacius** . . . **R. L. Loy** was away last week because of the illness of his wife and get well wishes are rushed her way . . . Get well wishes also go to **C. E. Dugger** . . . **O. H. Cunningham** was out after the big fish last week . . . **H. E. Cornell** and his missus had as recent week-end visitors their daughter and her husband, Mr. and Mrs. T. L. Wilborn, of Louisville, Ky., who helped celebrate the Y-12er's birthday—then the Cornells took off for a Texas vacation . . . Other vacationers include **R. T. Day** at home in Crossville, **G. E. Valentine** in Miami, **W. J. Peters** at points in Ohio, and **C. A. Holt** at home . . . **W. J. Grubb** is the Proud Pop of a new daughter born October 9 at Oak Ridge Hospital—no further vital statistics at this time . . . The old crimson carpet of welcome was out last week for newcomers **S. W. Wells**, **W. B. Ashbury**, **W. L. Arnold**, **T. R. Wall**, **R. F. Jackson** and **B. W. West, Jr.**

Tool Grinding and Machine Maintenance send rapid recovery wishes to the brother of Mrs. **B. M. West** ill at Johnson City . . . Also to **C. D. Painter**, **D. C. Lay** and **J. A. Marsh** . . . Good luck wishes go along with **L. B. Hatfield**, transferred to another department . . . **S. T. Crisp** is a homeboy vacationer this week.

Billie McGregor is back in the Alloy Shop after her New Orleans vacation . . . **E. W. Forbes** is taking it easy this week at home near Karns . . . **J. J. Campbell** just didn't leave a forwarding address before vacationing.

F. R. Monroe is the General Machine Shop's Florida delegate this week—touring the state . . . Meanwhile vacation prospects for **W. L. Scruggs** aren't so bright—he is at home getting ready to take his wife to a hospital, and get well wishes are sent to her . . . **Louis B. Gillis** and his wife week-ended in Louisville, Ky., to visit his parents, Mr. and Mrs. F. B. Gillis . . . **Joe Donahue** didn't reveal his plans for last week's vacation . . . Too many sick folks down thataway—get well wishes go to **Harley Law**, **D. M. Willey**, **W. L. Lowry**, **J. C. Maples** and **George W. Carter**, the latter in a Knoxville hospital . . . Also to **W. C. King**, recently released from University Hospital, Knoxville, after surgery—he's at home on Route 20, Knoxville, condition reported good . . . Meanwhile the department was glad to see **C. L. Ramsey** back after a long illness.

MAINTENANCE

Electrical Maintenance rolled out the red rug of welcome last week for newcomers **M. Robinson**,

ASME To Hear Talk On 'Unit Automation' Cincinnati Technician To Speak October 23

"The Independent Unit System of Automation" will be the subject of a talk by Fred Jessup at a meeting of the Oak Ridge Group of the East Tennessee Section, American Society of Mechanical Engineers tomorrow night, Thursday, October 23. The speaker is supervisor of the automation section of the Cincinnati Milling Machine Co., Cincinnati, Ohio.

The meeting will be at the Oak Terrace with dinner being served at 6:30 o'clock, followed by the business meeting at 7:30 o'clock. Y-12 members of the ASME and the public is invited to hear the address.

In his talk Jessup will discuss the building block approach to the automatic control of basic machine tools, leading to fully integrated systems of automated machine tools.

W. G. James, **C. G. Bennett**, **D. W. Hauther**, **R. C. Irick**, **G. L. Posey**, **J. L. Ratliff**, **A. H. Rosenblum**, **R. P. Strickland**, **R. V. West**, **R. M. King** and **J. F. King**.

Process Maintenance news is mostly gloomy . . . Sincere condolences are extended to **E. D. Hill**, whose father, D. B. Hill, died October 12 at Knoxville . . . Likewise to **W. S. Hollingsworth**, whose mother-in-law died recently at Columbia, S.C. . . . Rapid recovery wishes are sent to ailing folks **J. D. Moore**, **J. W. Jenkins**, **J. J. Holzknecht** and **E. C. Brown**, all hospitalized.

W. L. Ellis, Research Services, is really after the big 'uns—not fish—but bear and boar around Tellico while vacationing . . . **F. Irwin** is after feathered game—pheasants in Dakota . . . Stay-at-home vacationers are **B. C. Harrington**, **C. E. Disney** and **T. J. Boring** . . . Get well wishes are sent **P. Pelfrey**, who recently underwent surgery.

MAINTENANCE

R. R. Chilcoat, Mechanical Maintenance, and his family are back from a family reunion in Alabama—lots of good food and times reported, with the farthest-away family members coming from California . . . **B. F. Nicely** and **R. E. Mellon** are either the world's top optimists or just believe in preparedness, they went fishing in the Gulf of Mexico near Tampa, Fla., and took along a pickup truck and a deep freeze . . . **Morris Bailis** is back from his vacation—all smiles—his team won the World Series, which he took in . . . **Dan Stroud** and family week ended in Nashville recently . . . Welcomed to the department are newcomers **R. L. Steele**, **C. W. Reirdan**, **R. E. Headrick**, **R. O. Davis** and **C. C. Hawkins**, the latter recalled to work . . . Sympathy is extended to **C. Holt**, whose father died recently in Knoxville . . . Likewise to **H. H. Abernathy**, whose father-in-law succumbed in Mississippi a few days ago.

Buildings and Grounds extends deepest sympathy to **J. T. Calhoun** and family on the death of his father-in-law in Cookeville, October 10 . . . **W. A. Parks** is planning a trip to the Smokies on his vacation . . . **Nelson Tibbatts** is in New York visiting his son, Naval Air Force Ensign Thomas Nelson Tibbatts; the officer's wife, the former Miss Ann Tippy, daughter of former Y-12er R. R. Tippy; and THE grandchild . . . **C. S. Brown** and **M. W. Honeycutt** got away during all the excitement without telling their destinations.

The Laundry Department sends get well wishes to **Nancy Holcombe** and **Mary Fields**, both ill at home.

Rumors can hurt. Don't pass them on, get the facts.



Get well wishes are extended the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

Ada Sue Hampton, Product Processing; **Parker Pelfrey** and **D. B. Blackburn**, Research Services; **M. L. Price**, Alpha Four; **E. F. Sosby**, **H. R. Gilliam** and **J. L. Messenger**, Utilities; **J. J. Holzknecht** and **E. C. Brown**, Process Maintenance; **S. H. Kesterson**, Guard; **L. R. Phillips**, Development Operations; **R. C. Andrews**, Sunflower Shop; **J. W. Jackson**, Chemical; **J. R. Murph**, General Machine Shop; **J. T. Thomas**, Mechanical Maintenance.

Y-12ers Extend Condolences To Lyle E. Bellamy Family

One of Y-12's best-known and best-liked employees, Guard Lyle Edgar Bellamy, 64, died at Ft. Sanders Presbyterian Hospital, Knoxville, last Thursday night, October 16. Funeral services were held Sunday afternoon at the Cedar Springs Presbyterian Church with the Rev. Robert Jordan, pastor, officiating. Interment was in Highland Memorial Cemetery.

The former Y-12er had almost 15 years of Company Service, coming to work on February 18, 1944. For the past few years he had been stationed in Bldg. 9704-2. He was a native of Gate City, Va., where he was born February 16, 1894.

Mr. Bellamy had been ill on several occasions during the past few years. Although his death was not unexpected, his many friends from throughout the plant were saddened and many fellow employees and other Y-12ers attended his last rites and extended sympathy to the family. Among the pall bearers were Y-12ers **Miles H. Bradford**, Guard Department Chief; **Capt. Harry Dickenson**, of the Guard Department; **George W. Flack**, Superintendent of Industrial Relations; and **J. C. Seivers**, Security. Other pall bearers were family friends, **James Nignbert** and **Ray Nunn**.

Survivors include his widow, Mrs. Edna Bellamy, two daughters, Mrs. Harvey Tutterow, Claxton, Ga.; and Mrs. James K. Haynes, Oak Ridge; two sons, **Elmer** and **Lyle E. Bellamy, Jr.**, Gate City, Va.; six grandchildren, four sisters and three brothers.

BRITAIN EXPECTS TOURISTS

Great Britain is expecting its number of tourist visitors to increase to 2,000,000 per year by 1986.



THIS "NIZE KITTY" is the "de-skunked" skunk owned by Howard Creasman, son of J. T. Creasman, of the General Machine Shop. Young Creasman recently loaned his pet to the Oak Ridge Conservation League to add to a collection of animals used to advertise the League's sponsorship of the Audubon Screen Tours.



THIS RELAXED collection of keggers is the Engineers team of the C League. Seated from left are I. G. Speas, L. B. Cabe and M. L. Taylor. In the rear are A. E. Bittner and Bill Williamson.

Rides Wanted, Offered

Riders wanted from Magnolia Ave., Knoxville, via Oak Ridge Highway to any portal, straight day. R. B. Miller, plant phone 7-8244.

Riders wanted from Sutherland Ave., Bearden, Knox County, to East, North or Central portal, straight day. Dora B. Whaley, plant phone 7079.

Ride wanted or will join car pool from Elm Grove vicinity, Oak Ridge, to North Portal, straight day. Nanette Hammer, plant phone 7389, home phone Oak Ridge 5-5588.

Ride wanted or will join car pool from 350 Jefferson Ave., Oak Ridge, to East Portal, straight day. John H. Wyatt, plant phone 7-8520, home phone Oak Ridge, 2-1106.

Ride wanted or will join car pool from Delaware-California Ave. section Oak Ridge, to Central Portal, straight day. James A. Stanton, plant phone 7-8376, home phone Oak Ridge 5-3181.

Want to join car pool from West Village, Oak Ridge, to West Portal, straight day. Ken Bowers, plant phone 7-8204, home phone Oak Ridge 5-1614.

Ride wanted from vicinity Adair Drive, Fountain City, to West Portal, straight day. R. E. Lee, plant phone 7-8346, home phone Knoxville MY 1-9645.

Ride wanted from Clinton to any portal, straight day. Jack Queener, plant phone 7304, home phone Clinton 1562.

Two More Y-12ers Join Secretaries Association

Two more Y-12 secretaries have been added to the membership of the Oak Ridge Chapter of the National Secretaries Association (International). They are Mabel Tye, of the Superintendents Division; and Jane Harvey, of the Mechanical Operations Division. They were accepted for membership at a meeting on October 13 when the secretaries heard a talk by Mrs. Virginia White, of the Oak Ridge National Laboratory Biology Division, on her experiences at the International Conference on Peaceful Uses of Atomic Energy at Geneva, Switzerland; and the Brussels World Fair.

SUBSTANTIAL DISHES SET FOR SPECIAL LUNCHES

A pair of substantial rib-stick-ers will be served as entrees on the 50-cent Special Lunches to be served at the Y-12 Cafeteria tomorrow, Thursday, October 23; and next Tuesday, October 28. Meat loaf with brown gravy will be the main dish on tomorrow's Special Lunch and on next Tuesday Chef's Holiday will be the entree. Each Special Lunch also includes one vegetable, choice of salad or dessert and rolls and butter.

Pistol And Rifle Loops Set To Open

Four-Team League Begins Fire Next Week

Pistol and rifle teams from Y-12, Oak Ridge National Laboratory, Oak Ridge Gaseous Diffusion Plant and the Oak Ridge Independents will begin Winter Indoor League competition next week at the Oak Ridge Sportsmen's Association ranges. The riflemen will begin firing on Monday, October 27, and the pistoliers will start the following night, Tuesday, October 28.

Scratch, Handicap Scoring

Both a scratch and handicap system of scoring will be used to permit newcomers to target shooting in both rifle and pistol competition to add to their scores. Each team will have its five high scorers in scratch and handicap counted for statistical purposes, although as many team members that can fire during the allotted time will be allowed to shoot.

The team members from the Union Carbide Nuclear Company teams are selected from plant league members with best scores. Carbide Recreation Departments have actively supported the league movement in past years and have awarded appropriate trophies at the end of the season.

Range Well-Heated, Lighted

The ORSA indoor range is heated and have five well-lighted firing points. Ammunition is available and association target rifles may be used by shooters who do not own rifles.

'Earthquake Lake' First Audubon Lecture Offering

The opening offering in the 1958-1959 Audubon Screen Tours program in Oak Ridge will be presented at 7:30 o'clock next Tuesday night, October 28. The film, "Earthquake Lake," will be shown at the Jefferson Junior High School.

"Earthquake Lake" will be presented by Karl H. Maslowski. It shows many scenes at Reelfoot Lake in West Tennessee, formed by earthquakes in the days of John J. Audubon. The complete picture story is told for the first time of the unique and comparatively little-known area teeming with birds, animals and fish.

The Audubon Screen Tours are presented in Oak Ridge by the Oak Ridge Conservation League.

French Scientist To Speak At Physics Seminar Meet

Prof. Louis Michel, of the Université de Lille, Lille, France, and the Institute for Advanced Study, Princeton, N.J.; will speak at a meeting of the Oak Ridge National Laboratory Physics Division seminar on Friday afternoon of this week, October 24. The meeting will be the auditorium of Bldg. 4500, ORNL.

The discussion subject will be "Covariant Description of Particle Polarization." All Y-12ers interested in the topic are invited to attend the seminar session.

Never discuss classified information with or in the hearing of an unauthorized person.



"A happy marriage is a long conversation that always seems too short!"

Rippers, Smelters Tied; Dyer Sets Scoring Mark

Noted through the years for close races, the Y-12 Classic League of plant bowlers is outdoing itself this season. After five weeks of play the lead has shifted several times and following last Thursday night's alley activities only three points separating the first 10 teams in the standings.

Clippers Crush Nip And Tucks, Gain In League

The Clippers clippity-clopped to a four-point whitewash win over the Nip and Tucks in the Y-12 Mixed League of men and women bowlers last week to gain a comfortable margin over the Phantoms, which took three from the Scrappers. Nell McGinnis again led the distaff scorers with a 212 scratch and 234 handicap game and 532 scratch series for the loop leaders and with teammate Charlie Beckett rolling a 215 scratch game and 242 series, the Clippers had little trouble. Shirley Brown, the other feminine Clipper, had a 608 handicap series and Joe Dunlap, Pin Plasters, posted series scores of 590 and 644 for tops.

In other matches last week the Alley Cats treed the ABCs for three and the Rockets and Pin Plasters deadlocked at two points each.

League standing follows:

Team	W	L
Clippers	19	1
Phantoms	13	7
Scrappers	12	8
Nip and Tucks	11	9
Alley Cats	10	10
Rockets	8	12
ABCs	4	16
Pin Plasters	3	17

Horseshoe Pitchers Plan State Group

Steps to form a Tennessee State Horseshoe Pitching Association will be taken at a meeting of Oak Ridge followers of the sport at 8:30 p.m. Tuesday, November 4. The meeting will be in the Oak Ridge City Recreation Department office in the new municipal building and all Y-12ers interested in the matter are urged to attend.

The rapid advancement of the sport in popularity has led to the move to form a state association to affiliate with the national organization. Vern Stanley and Charley Beckett, of Y-12, have been active in the movement and Stanley has application blanks and membership cards for anyone wishing to join the proposed state group.

The Y-12ers stressed the fact that formation of a state association will in no way affect the status of the many plant leagues—such as have operated in Y-12 for several years.

Men's Volleyball Teams Are Forming

Several men's volleyball teams are being formed to take part in a Y-12 Plant Volleyball League during the coming season as a result of an organizational call sent out last week by the Recreation Department. The organizational meeting is set for 1:30 o'clock Wednesday, October 12, in the Recreation Department, Room 226, Bldg. 9704-2, and all groups seeking membership in the league are urged to have team captains or representatives at the session.

Women Volleyball Players Are Called

All women volleyball players in Y-12 are urged to communicate with the Recreation Department, Bldg. 9704-2, Room 226, plant phone 7751, if they want to play on a plant team to compete in an All-Carbide League in Oak Ridge. The Y-12 lassies playing in the loop last year made a good showing in the circuit and also had a lot of fun and exercise.

After roosting proudly for one week as undisputed league leader, the Rippers ran into rough opposition from their old rivals, the Bumpers, the teams splitting even. The deadlock, with the Smelters taking three from the Has Beens, brought about another tie for the top rung on the ladder. The Sportsmen jumped up to second place with a four-point whitewashing of the Screwballs and the Swingsters also made a big jump by blanking the Eight Balls. The whitewash brush also was wielded by the Wolves over the Markers while three-point victories were posted by the Tigers over the Rebels, Cubs over the Wasps and All Stars over the Playboys.

Herman Dyer, of the Smelters, set a new season's high in Y-12 bowling circles when he rolled a 612 scratch series, boosted to 693 with handicap. Frank Gragg, veteran Wolves bowler, had a 233 scratch game for tops of the night, boosting it to 254 with handicap. In team scoring the Sportsmen took most of the scoring honors with a 909 scratch game, 2555 scratch and 3020 handicap series. The Smelters sneaked in a 1065 handicap game for tops of the night.

League standing follows:

Team	W	L
Smelters	13	7
Rippers	13	7
Sportsmen	12½	7½
Tigers	12	8
Wolves	12	8
Cubs	11	9
Rebels	11	9
Bumpers	11	9
Screwballs	10	10
Swingsters	10	10
Wasps	9½	10½
Has Beens	9	11
All Stars	8	12
Playboys	7	13
Markers	6	14
Eight Balls	5	15

Top Scores Posted By Bush Bowlers

The Bldg. 9212 pinmen added a slight margin to their lead in the Bush League of Y-12 keggers in the last reported alley activities of the loop by taking three points from the Nine Pins. The Inspectors took over third place by trouncing the Lucky Five by the same margin. The Bees maintained second although only getting an even split with the Hi Balls. Snpt and the Beavers divided four points.

Record individual high scores for the season were posted at this bowling session. Hammer, Nine Pins, had a 537 scratch and 694 handicap series. Cowan, Hi Balls, had a 218 scratch game and Caputo, Beavers, a 257 handicap game. The Bees had the best team single game scores of 817 and 1018, the Inspectors a 2209 scratch series and Bldg. 9212 a 2852 handicap series for tops of the session.

League standing follows:

Team	W	L
Bldg. 9212	16	4
Bees	14	6
Inspectors	11	9
Beavers	10	10
Snpt	10	10
Lucky Five	9	11
Hi Balls	7	13
Nine Pins	3	17

Table Tennis Play Starts On Monday

All Y-12 table tennis players wanting to play in an All-Carbide ladder competition this autumn and winter are urged to report ready for action at 7 o'clock next Monday night, October 27, at the Wildcat's Den on Oak Ridge Turnpike at Robertsville Road.

There will be no charge for the ladder competition and five tables will be available for play. All equipment will be provided.

Basketball Meet Set November 19

Preliminary Sessions For Groups Is Urged

Although the football season is just well underway, the Y-12 Recreation Department already is looking forward to the 1958-1959 basketball season. In announcing an organizational meeting for the popular indoor sport for 1:30 o'clock Wednesday afternoon, November 19, the Recreation Department hopes that preliminary gatherings and discussions of groups and departments intending to form teams for the Y-12 Plant Basketball League for the coming season can be held.

Wizards Are Champions

A successful six-team league was operated last year to provide lots of fun and exercise for the basketweavers. Some fine competition also resulted with the ultimate winning team being the Wizards.

It is hoped that an eight-team circuit can be formed this year and kept intact during the entire season. Basketball always has proved a popular pastime for Y-12ers and some excellent play has been seen in many plant loop contests.

Therefore, any group or department wanting to enter a team in the league for the coming season is urged to communicate with the Recreation Department, Room 226, Bldg. 9704-2, plant phone 7751, as soon as possible so that an overall picture of the situation can be obtained.

Y-12 Pistol League Opens October 30

The Y-12 Pistol League will open fire in its 1958-1959 season on Thursday night, October 30. Firing will start at 7 p.m. at the Oak Ridge Sportsmen's Association indoor range with the same four teams that competed in summer league firing participating—Masters, Experts, Marksmen and Sharpshooters.

All Y-12ers interested in target shooting with pistols are urged to come out for the opening session and join one of the teams. Targets and other equipment, except ammunition, are furnished by the Y-12 Recreation Department. Shooters not having .22 calibre target pistols may borrow them from other members who own their own arms. All that need be furnished is .22 calibre long rifle ammunition, with only 30 rounds being used each week. Scoring is done on both scratch and handicap basis, giving newcomers an opportunity to match scores with veterans.

The opening Plant League schedule will pit the summer league winners, Sharpshooters, against the second place Experts. The third place Marksmen will meet the last place Masters.

Do Littles Blank Q Balls For Four

The Do Littles did their limit best last week in the Evening League of Y-12 bowlers by blanking the Q Balls for four points. The Sure Shots sunk the King Pins by three and the Sooners had the Night Owls on the limb by the same margin.

A. O. Roberts, Sooners, had best game scores of 209 scratch and 264 handicap. J. D. Meadows, Q Balls, was high series scorer with 548 and 644. In team scoring the Do Littles also went all the way with 700, 855, 1820 and 2285 across the board.

Team	W	L
Do Littles	16	4
Sure Shots	13	7
Sooners	9	11
Q Balls	8½	11½
King Pins	7	13
Night Owls	6½	13½

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New Siren Disaster Alarm System To Alert Y-12ers

Continued from Page 1

such personnel designated by Plant Shift Superintendent will remain in the plant area.

Each Car Should Take Up To Five

On reaching the parking lots, vehicle drivers will go to their own automobiles—regardless of any previous car pool commitments. Each driver is urged to take up to five passengers before departure, which should be made at the earliest possible moment.

The evacuation will be made in private automobiles as far as possible and will be supplemented by plant vehicles. Now comes the evacuation stage where coolness, courtesy and common sense of every individual becomes important. It is particularly stressed that no effort be made by any persons leaving the Y-12 Plant Area to attempt to return to Oak Ridge to join their families. City evacuation plans for Oak Ridge—and Knoxville—have been drawn with the objective being the evacuation of all town people to various assembly points in arrangements similar to the Carbide plan.

All traffic from the Y-12 portals will proceed westerly on Bear Creek Road to the White Wing Road junction. If any Y-12 traffic arrives at this junction before the completion of evacuation from the main Oak Ridge National Laboratory area, the Y-12 traffic should turn right on White Wing Road and leave the Oak Ridge area via the Blair Gate Road to State Highway No. 61, thence to Rockwood and over U. S. Highway No. 70 to the Crossville assembly point.

After ORNL evacuation traffic has cleared the Bear Creek-White Wing Road intersection, Y-12 traffic will proceed westerly to Gallahar Gate Road to U. S. Highway No. 70, then to Rockwood and Crossville, as shown on the map.

AEC Patrolmen Will Direct Traffic

Atomic Energy Commission patrolmen will be assigned to strategic points along the evacuation routes to direct traffic and to maintain as far as possible an orderly evacuation program.

A fleet of several Company radio-equipped cars will proceed to the Crossville assembly point. Radio information received by these vehicles will be given the evacuees at Crossville through the Y-12 Shift Superintendent or his representative. This information will include:

1. Information on the probable length of the stay in Crossville and other similar information.

2. Whether—and when—to return to the Y-12 Plant.

3. Whether the evacuees shall move to another assembly point.

Private car drivers are urged to keep their radios tuned to the Conelrad (emergency civilian radio) wave lengths. They are 640 and 1240 and will be the only civilian radio wave lengths open in case of an enemy attack. They will be used only to advise the public on information and instructions concerning their welfare.

Families Urged To Plan In Advance

As an advance preparation for a possible evacuation, all UCNC families are urged to make plans as far in advance as possible—conforming to official evacuation plans for communication after arrival at the assembly points. It is suggested that such plans include meeting at a point as close as possible outside the danger area—with the homes of relatives or close friends as possible havens.

In these advance evacuation preparedness plans, every automobile owner should always make sure that his car, or cars, have at least one-half tank full of gasoline—and even more would be preferable—at all times. Gasoline at such a time would be a scarce commodity and probably under governmental control.

Each automobile also should have a supply of food and water, a first-aid kit, blankets and a battery radio as well as a car radio.

Communication Will Be Difficult

Admittedly, normal communications in case of an enemy bombing attack will be hard to utilize. It is quite possible that no telephones will be available—and also quite possible that anyone attempting to go from an assembly point to some other place will be subject to having an automobile confiscated by military authorities—which assuredly will be in action in any such emergency.

It is expected that arrangements will be made by authorities to utilize amateur (ham) radio operators for communications if other means fail. It also is suggested that individuals endeavor to make such arrangements in advance, if at all possible.

Authorities point out that some of the evacuation plans—such as separated families and indefinite reunion plans—might sound harsh. However, they emphatically point out—such an emergency will be a matter of survival! Individual feelings, in case of disaster, must be repressed for the time being.

The possibility of changing assembly points has been considered if existing winds at the time of any attack would bring radioactive fallout to the assembly points. The Y-12 Plant Shift Superintendents' Office receives twice daily weather reports from strategically located weather stations. The assembly points might have to be suddenly shifted if winds with their lethal loads of radiation are blowing toward the originally designated assembly points.

If such a situation arises, all evacuees at the assembly point will be directed to move to another and more safe location. These directions will be given out by the Plant Shift Superintendent.

Drivers Must Exercise Extraordinary Care

It has been estimated that the Y-12 Plant Area can be evacuated in about 25 minutes in case of a yellow alert. Traffic will proceed along Bear Creek Road in double lines in one direction—toward Crossville.

Here is another stage of the evacuation program where coolness,



MEMBERS OF THE CAST OF "MURDER IN THE CATHEDRAL" to be presented at St. Stephen's Episcopal Church are shown above. From left are Dr. Robert Lyon, Ann Rockwell, Virginia Mann, Doris Johnson, T. F. X. McCarthy, Marty Copenhaver, Bobbie Lyon, Paul Arow, Warren Harris, Mrs. Marshall Lockhart, director of the play and wife of George Lockhart of the Y-12 Special Projects Department; Don Woodbridge, also of the Y-12 Special Projects Department; Margaret Thompson, Terry Harris, Loren Miller, Russell McCauley and William Lewis. Seated in front is the Rev. Moultrie McIntosh, rector of St. Stephen's Church who plays the leading male role in the production.



THIS "OL' WALLEYE" MAY not be such a big fellow but he put up plenty of fight before being landed by O. B. Cottrell, Graphite Shop, from the waters of Norris Lake. The fish was caught on a live minnow and is entered in the Y-12 Annual Fishing Contest.

UCC Tennessee Plant Makes First Carbon Bricks

The first shipment of 700,000 pounds of carbon brick from the Lawrenceburg, Tenn., plant of National Carbon Co., Division of Union Carbide Corporation, has been made to the Great Lakes Steel Corp., Detroit, Mich. The Lawrenceburg plant of National Carbon now is in continuous full-scale operation.

This plant utilizes a new process that reduces production time for brick from as long as eight weeks to eight minutes. Some 45,000 of the carbon bricks were shipped to Detroit, where they will be used in relining one of the steel industry's largest blast furnaces.

courtesy and common sense must prevail. Drivers of all vehicles in the evacuation movement should exercise extraordinary care on the highway—for a panicky driver that causes an accident of any kind could create chaos. It admittedly will be hard to resist the urge to drive fast—to escape whatever disaster might be behind—but that urge should be resisted. Changing traffic lanes, useless passing and similar careless driving acts could disrupt the evacuation program dangerously.

In case of an unexpected red alert not preceded by a yellow alert, all persons in the Y-12 Plant Area should take protective cover in the most advantageous places available at the moment. Suggested places are building basements, first-floor rooms in building centers, deep vertical ditches, bases of concrete walls, concrete-walled areas, culverts or similar locations.

Tests Of Sirens Set For October 30

The new siren system of disaster alarms will be given a test on both the yellow and red alert signals around noon on next Thursday, October 30. Plant bulletins will alert employees on these tests so that no undue anxiety will be caused. All the sirens will be sounded at one time and listening posts will be established throughout the Y-12 Plant Area to check and survey the audibility of the system. If it is determined that the sirens cannot be heard in any particular area, supplemental alerts will be provided for those points through the Plant Shift Superintendent so that everyone will receive warning of any attack. It may be necessary to extend these tests into Friday should the system be found faulty in some way.

Pocket Cards Give Valuable Information

At safety meetings held all this month, small pocket cards are being distributed to all UCNC employees in the Y-12 Plant Area. The cards give some of the highlights of disaster procedure information and also some suggestions for emergency home planning. These plans are in complete accord with Civil Defense regulations.

The old disaster alarm systems, sounded by a series of half-second blasts over the air horns in Buildings 9204-3 and 9202 will be completely supplanted by the new siren system. The air horns, however, will remain in use for fire signals and also to give the usual noon test signal of 4-4-4.

'Murder In The Cathedral' To Be Given At St. Stephen's

"Murder in the Cathedral," a liturgical drama in verse by the noted author T. S. Eliot, will be presented on Friday and Saturday nights of this week end and next, October 24 and 25 and October 31 and November 1, by the Men of St. Stephen's of St. Stephen's Episcopal Church in Oak Ridge. All performances begin at 8:15 p.m., and are

Visking Consolidates Two Division Units In Chicago

The headquarters for the plastics division of the Visking Company, newest Division of Union Carbide Corporation, have been moved to Chicago, Ill., from Terre Haute, Ind. The shift included all administrative, sales, advertising and market research functions of the plastics division. The new location of the division is the administrative headquarters for Visking, as well as the home office for the food casings division. The move will consolidate the two divisions of the Company for the first time. Visking has a plant at Loudon, Tenn.

EDISON HAS MOST PATENTS

The United States Patent Office reports that Thomas Alva Edison holds more patents than any other man—1,039.

Two confirmed bachelors sat talking and the conversation drifted from politics to cooking.

"I got one 'o them thar cookery books once, but I never used it," said one.

"Too much fancy work in it?" asked the other.

"You're darn tootin'! Everyone of those recipes began the same way—Take a clean dish!"

open to the public with no admission charge. An offering will be taken at each performance for the work of the church in Nicaragua.

Wife Of Y-12er Is Director

"Murder in the Cathedral" is being presented in this section of the country for the first time, according to Mrs. Marshall Lockhart, director of the play and wife of George Lockhart, of the Y-12 Special Projects Department. Don Woodbridge, also a Y-12er in Special Projects, is in the cast and other Y-12ers are assisting in the production, including Mrs. Nora Woodbridge, wife of Don Woodbridge; and Mrs. Judy Kidd, wife of George Kidd, Development Operations.

The cast of about 20 men and women has been selected not alone from St. Stephen's Church but from varied faiths and denominations in Oak Ridge. Each of the Union Carbide Nuclear Company plants and laboratories is represented in the cast and the backstage corps.

Traditionally Given In Churches

"Murder in the Cathedral" was written in 1935 and first was presented in Canterbury Cathedral, England. Since then the play has been traditionally presented in churches to authentically recreate the atmosphere of its setting.

The plot concerns the last hours and death of Thomas Becket, an obscure archdeacon who was appointed chancellor of England by King Henry II. Becket later was appointed Archbishop of Canterbury by the king, with the monarch hoping to influence the churchman to extend kingly control over the church. Becket is forced to the choice of obeying King Henry II or following the dictates of his own conscience. The resulting quarrel eventually leads to Becket's assassination by knights of the king.

Assassinated At Altar

All action takes place in the year 1170 at the altar of the Cathedral, even the assassination of the archbishop. The structure of the play resembles the classic Greek tragedy. A chorus of women interprets and comments on the action, characters representing various temptations visit Becket and all of the action takes place in a short period of time. The author adds some modern twists such as having the assassins stepping out of their role to explain their act.

The entire play takes little more than one hour to present, but the dramatic impact is that of high charged emotion seldom reached on the stage.

Report to proper authorities any security discrepancy which comes to your attention.